

MRC Polymers NAXALOY[®] 770-NT172 ABS + PC Alloy

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

Information provided by MRC Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_MRC-Polymers-NAXALOY-770-NT172-ABS-PC-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D 792
Water Absorption	0.15 %	0.15 %	ASTM D 570
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D 955
Melt Flow	6.0 g/10 min @Load 3.80 kg, Temperature 230 Â°C	6.0 g/10 min @Load 8.38 lb, Temperature 446 Â°F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	52.0 MPa	7540 psi	ASTM D 638
Flexural Strength	83.0 MPa	12000 psi	ASTM D 790
Flexural Modulus	2.069 GPa	300.1 ksi	ASTM D 790
Izod Impact, Notched	6.41 J/cm @Temperature 23.0 Â°C	12.0 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	110 Â°C	230 Â°F	ISO 75

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